



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOV 03 2003

Applicant:

Qinghua Li et al.

Title:

LOW BIT ERROR RATE ANTENNA SWITCH FOR WIRELESS COMMUNICATIONS

Docket No.: 1000-0017

Filed: October 14, 2003

Examiner: Unknown

Serial No.: 10/684850

Due Date: N/A

Group Art Unit: Unknown

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

A return postcard.
 An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 1 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 50-2359.

The Law Offices of John C. Scott c/o PortfolioIP
P.O. Box 52050, Minneapolis, MN 55402 (480-948-3745)

By: John C. Scott
Atty: John C. Scott
Reg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31 day of October, 2003.

Emily Bates
Name

Emily Bates
Signature

(GENERAL)



S/N 10/684850

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Qinghua Li et al. Examiner: Unknown
Serial No.: 10/684850 Group Art Unit: Unknown
Filed: October 14, 2003 Docket: 1000-0017
Title: LOW BIT ERROR RATE ANTENNA SWITCH FOR WIRELESS
COMMUNICATIONS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 50-2359 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Page 2

Serial No :10/684850

Dkt:1600 667 (INTEL)

Filing Date: October 14, 2003

Title: LOW BIT ERROR RATE ANTENNA SWITCH FOR WIRELESS COMMUNICATIONS

Assignee: Intel Corporation

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

QINGHUA LI ET AL.

By their Representatives,

The Law Offices of John C. Scott
c/o PortfolioIP
P.O. Box 52050
Minneapolis, MN 55402
480-948-3745

Date 10-31-03

By John C. Scott
John C. Scott
Reg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31 day of October, 2003.

Name

Emily Bates

Signature

Emily Bates



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known					
		Application Number	10/684850				
		Filing Date	October 14, 2003				
		First Named Inventor	Li, Qinghua				
		Group Art Unit	Unknown				
		Examiner Name	Unknown				
Sheet 1 of 1		Attorney Docket No: 1000-0017					

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HONGLIN, HU, et al., "A Smart Antennas Scheme Based on 2-dimensional Searching of Beams and Channels and Its Performance Analysis", <u>Proc. IEEE 55th VTC</u> , (2002), 1349-1352	

EXAMINER

DATE CONSIDERED